UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 12, Line 30, delete "k" and insert -- k. --, therefor.

In Column 13, Line 66, delete " $\mathbf{Y}_i$ " and insert -- $\tilde{Y}_i$ --, therefor.

In Column 14, Line 13, delete " $\mathbf{Y}_i$ " and insert -- $\tilde{Y}_i$ --, therefor.

In Column 15, Lines 61-65, Equation "(21)", delete " $\sum = \frac{\sigma^2}{R}(I + QQ^T)$ " and insert

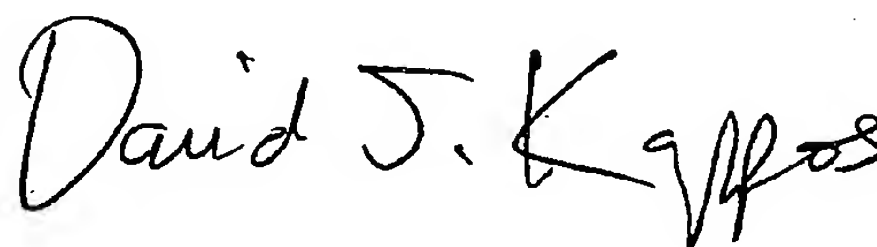-- $\Sigma_{\overline{Y}} = \frac{\sigma^2}{R}\left(I + Q\,Q^T\right)$ --, therefor.

In Column 17, Line 61, delete "TH/DH-UWB" and insert -- TR/DH-UWB --, therefor.

In Column 18, Line 56, in Claim 4, delete "TR-UWB" and insert -- TR/DH-UWB --, therefor.

In Column 19, Line 23, in Claim 12, delete "TD/DH" and insert -- TR/DH --, therefor.

Signed and Sealed this

Sixteenth Day of March, 2010

David J. Kappos
Director of the United States Patent and Trademark Office